How to Conduct this Class

- Setup
  - AFATDS:
    - IMEF database loaded.
      - The IMEF databases are comprised of 12 separate databases. This class can be should be conducted with all stations setup as any FSCC/FFCC.
        - » This class specifically applies to FSCC and FFCC
      - Implement Plan Volcanic Phase 1, all geometry and guidance and Phase 2, all enemy units and enemy geometry
      - Establish a client user at AFATDS
        - » Name: ffc1imef
        - » Password: ffc1imef

How to Conduct this Class

- AFATDS MIDB
  - Prior to the MIDB portion of the class, send MIDB facilities and units to AFATDS from MIDBSIM program
    - Add MIDBSIM to AFATDS or to the connected SISTIM
    - Ensure a TBMCS device is added to the current comm config
    - Send 1200 facilities and 103 units from a location west of the MEF ZOR

How to Conduct this Class

- Setup
  - SISTIM:
    - IMEF_MODULAR scenario with all nets except the GDU net active
  - Start class on next slide.

C2PC-EMT AIR PLANNING

ALL MOS'S

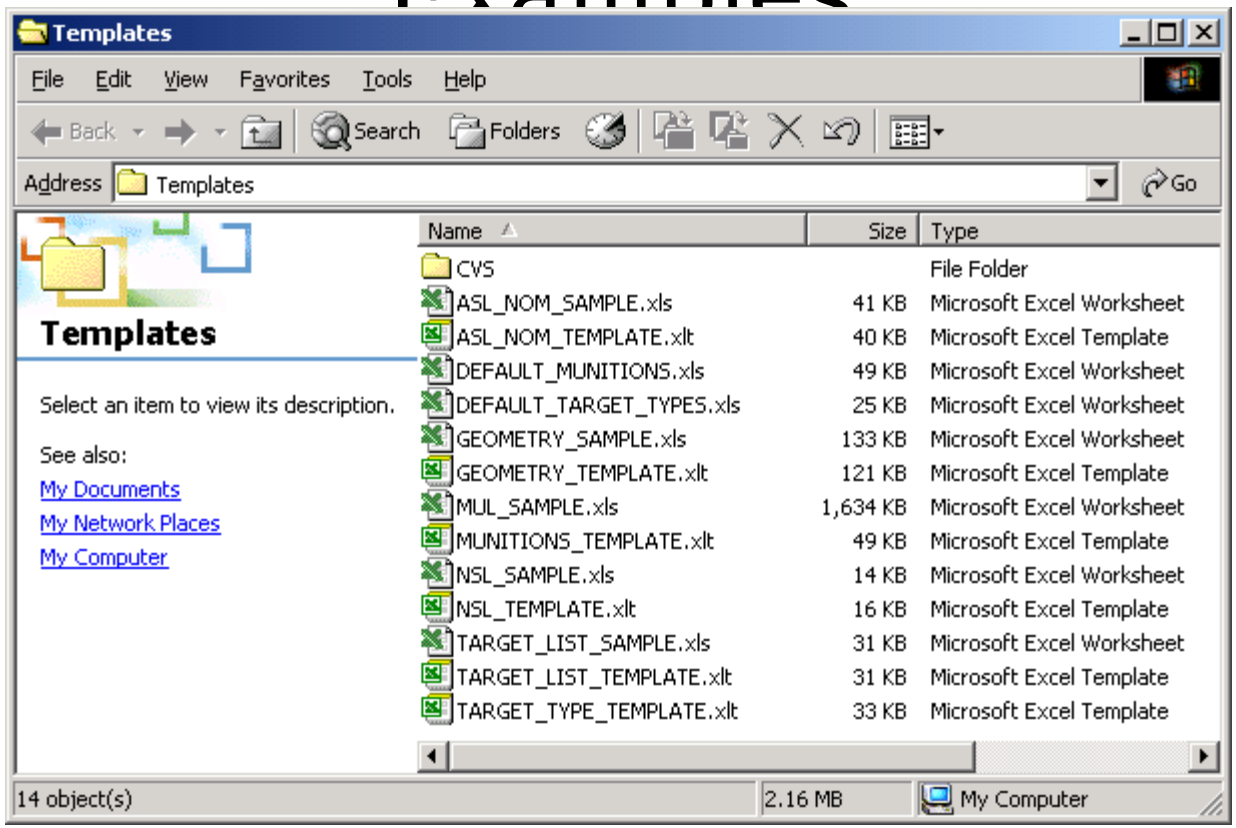
Objectives

- Import an ASL
- Create an Air Target
- Send the Air Nominations to AFATDS

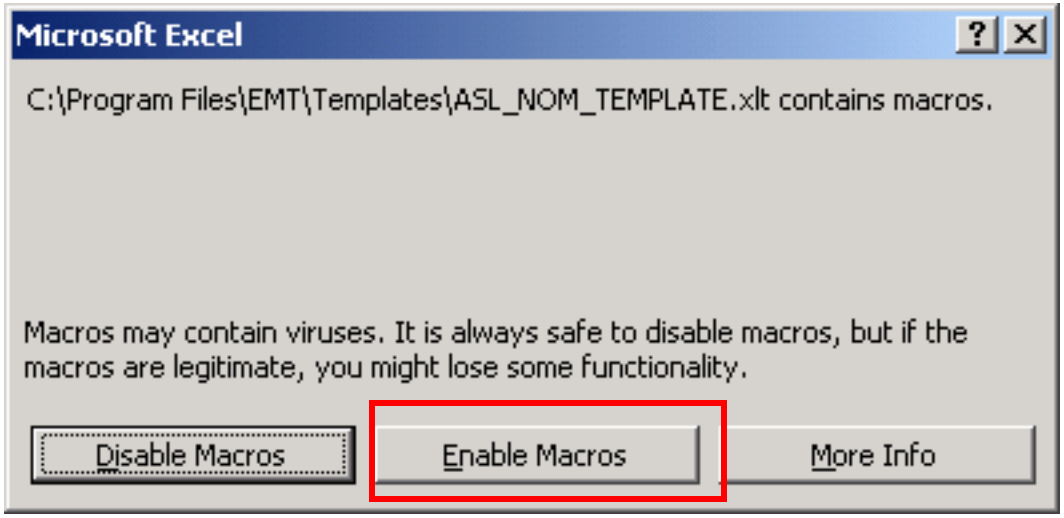
Import Nominations

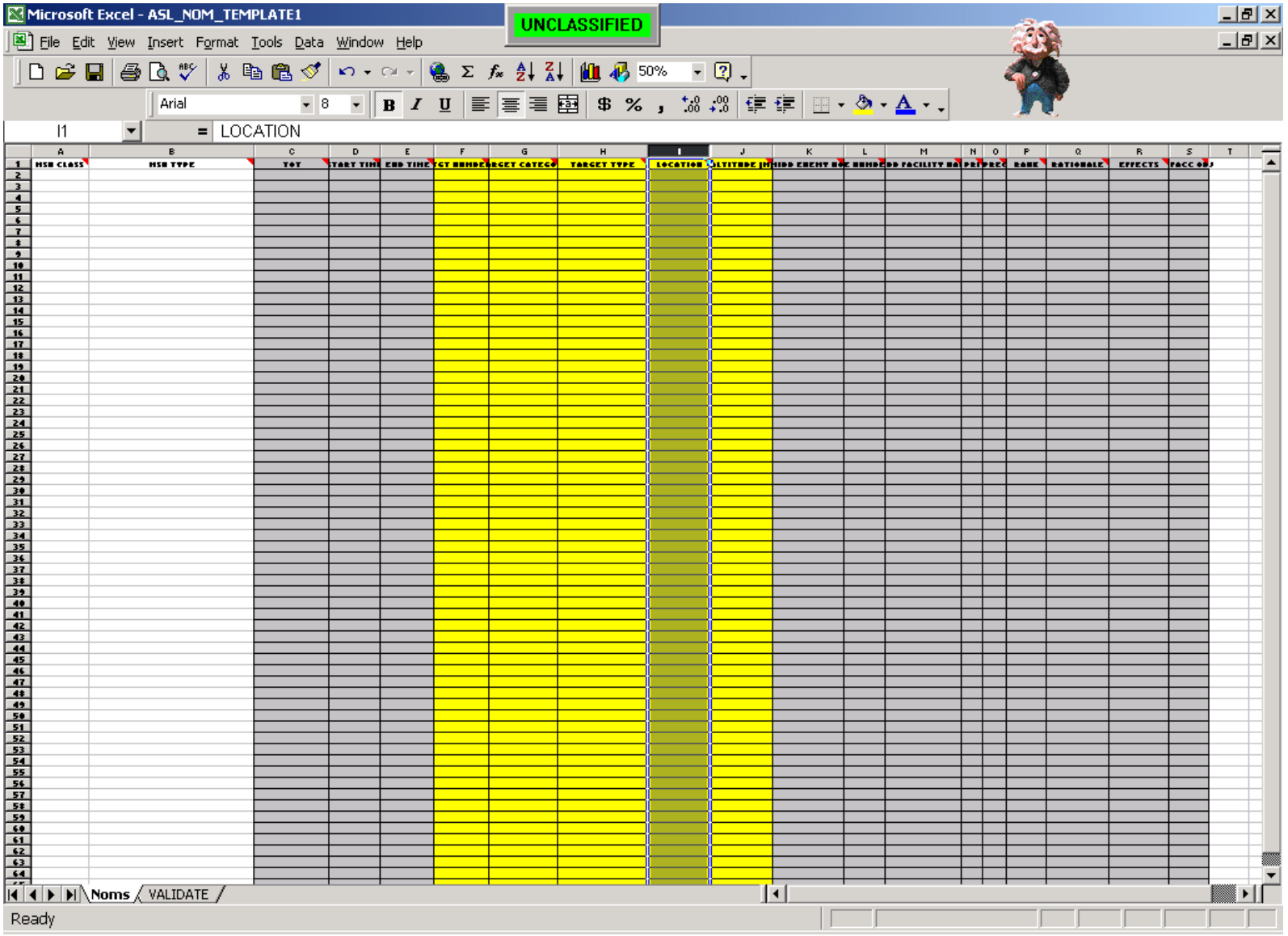
- Process uses an Microsoft Office Excel spreadsheet
- Spreadsheet must be arranged as expected by the EMT.
- Template for spreadsheet is automatically stored in the Program Files, EMT, Templates folder when EMT is loaded

Click Start, Programs, EMT, Documentation, Templates & Examples


Templates
File Edit View Favorites Tools Help
Back Search Folders
Address Templates
Go
Templates
Select an item to view its description.
See also:
My Documents
My Network Places
My Computer
Name Size Type
CVS File Folder
ASL_NOM_SAMPLE.xls 41 KB Microsoft Excel Worksheet
ASL_NOM_TEMPLATE.xlt 40 KB Microsoft Excel Template
DEFAULT_MUNITIONS.xls 49 KB Microsoft Excel Worksheet
DEFAULT_TARGET_TYPES.xls 25 KB Microsoft Excel Worksheet
GEOMETRY_SAMPLE.xls 133 KB Microsoft Excel Worksheet
GEOMETRY_TEMPLATE.xlt 121 KB Microsoft Excel Template
MUL_SAMPLE.xls 1,634 KB Microsoft Excel Worksheet
MUNITIONS_TEMPLATE.xlt 49 KB Microsoft Excel Template
NSL_SAMPLE.xls 14 KB Microsoft Excel Worksheet
NSL_TEMPLATE.xlt 16 KB Microsoft Excel Template
TARGET_LIST_SAMPLE.xls 31 KB Microsoft Excel Worksheet
TARGET_LIST_TEMPLATE.xlt 31 KB Microsoft Excel Template
TARGET_TYPE_TEMPLATE.xlt 33 KB Microsoft Excel Template
14 object(s)
2.16 MB
My Computer

Double-click **ASL_NOM_TEMPLATE.xlt**

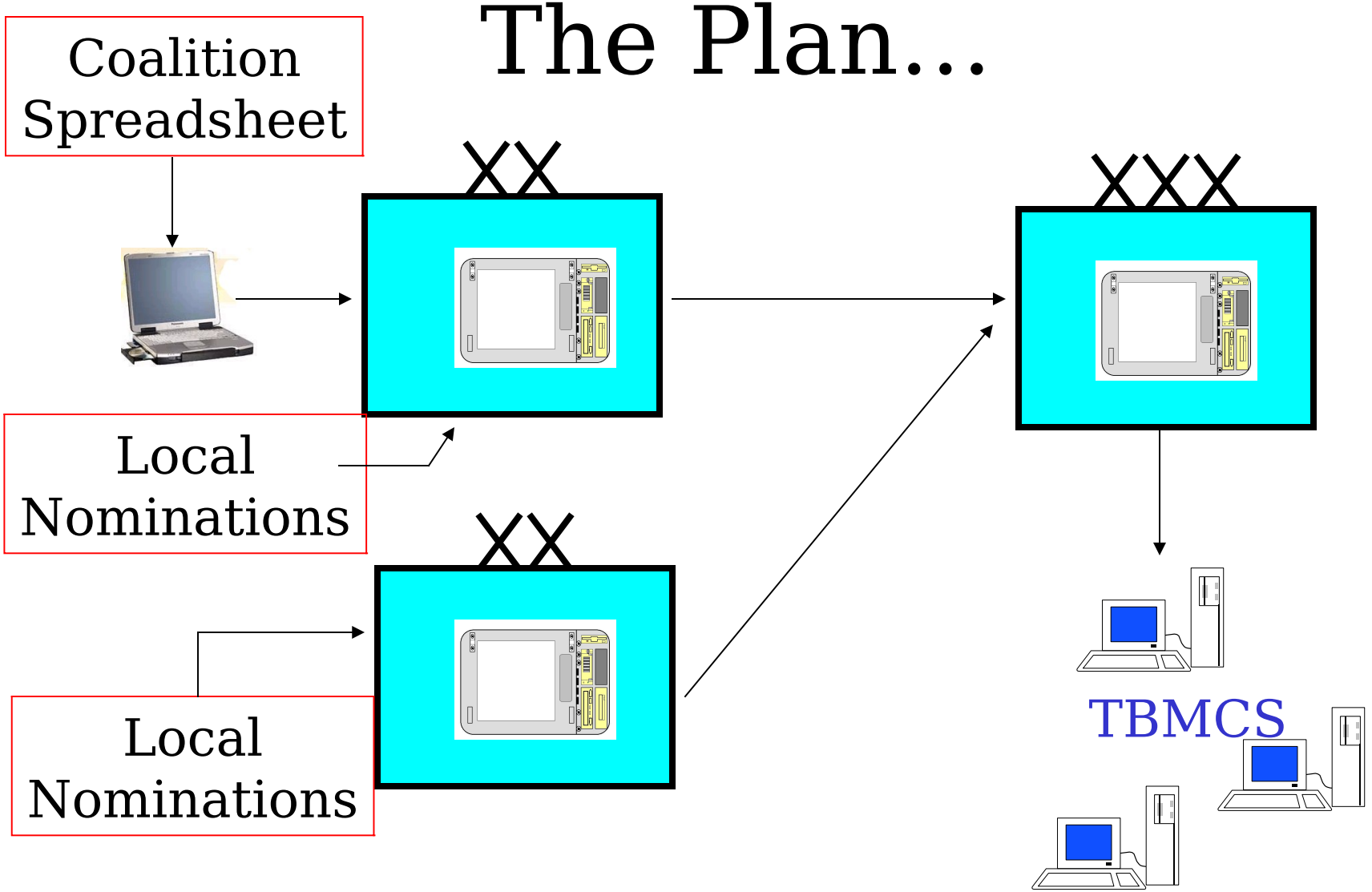

Microsoft Excel
C:\Program Files\EMT\Templates\ASL_NOM_TEMPLATE.xlt contains macros.
Macros may contain viruses. It is always safe to disable macros, but if the macros are legitimate, you might lose some functionality.
Disable Macros
Enable Macros
More Info


Microsoft Excel - ASL_NOM_TEMPLATE1
UNCLASSIFIED
File Edit View Insert Format Tools Data Window Help
Arial
8
50%
I1
= LOCATION
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
1
HSB CLASS
HSB TYPE
TOT
START TIME
END TIME
TGT NUMBER
TARGET CATEGO
TARGET TYPE
LOCATION
ALTITUDE (M
HIDD ENEMY BDE NUMBER
DD FACILITY BA
PRE
REC
RANK
RATIONALE
EFFECTS
FACC OBJ
Noms
VALIDATE
Ready

Save as…

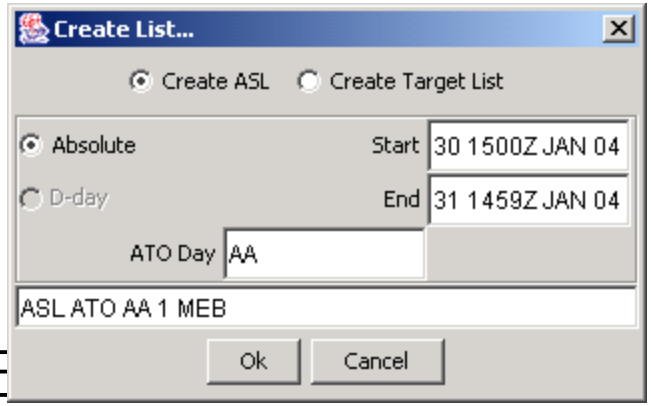
- Template is saved as a spreadsheet

The Plan…


Coalition Spreadsheet
XX
XXX
Local Nominations
XX
Local Nominations
TBMCS

Create the ASL from the EMT

- Select **Fire Support, Worksheets, Target List…**
- Select the **Create New Target List** icon
  - Click the **ASL** button.
  - Start DTG 3 days from now beginning at 1500
  - End DTG 4 days from now beginning at 1459
  - ATO Day: AA
  - Name: ATO AA IMEF
  - Click OK



Add a Nomination to the Spreadsheet

- Display Spreadsheet ASL_NOM_ATO_AA(REV1)(6400)
- Enter the following on line 51:
  - Priority 1
  - Precedence F
  - N 27 27’30.0” E 054 58’32.1”
  - Altitude 100
  - Arty, Medium SP

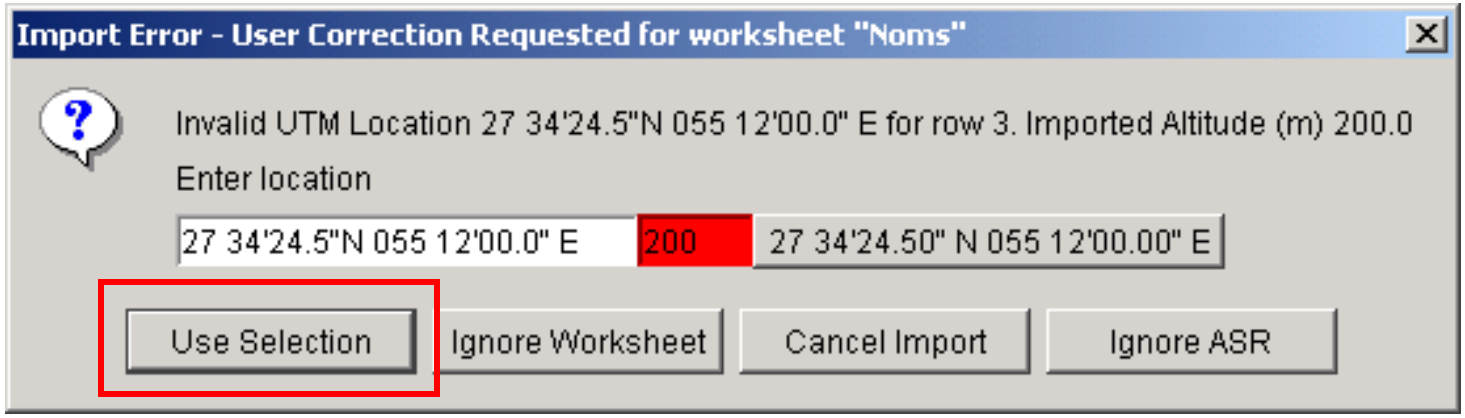
Import the Coalition Noms

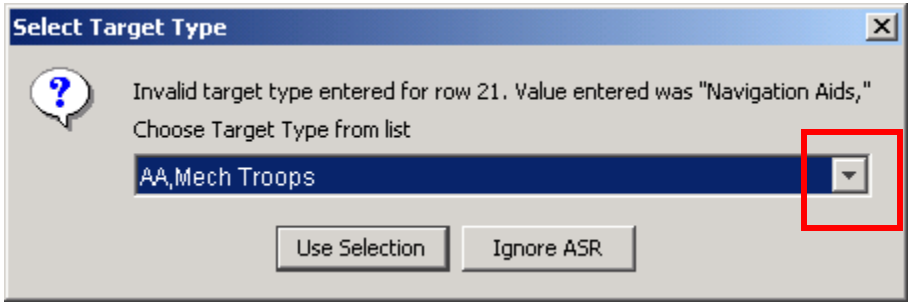
- With the **ASL ATO AA IMEF** tab displayed, click the **Import List** icon.
- Allow **Type of Data** to default to **Import ASR(s)**
- Click **OK** and on the **Choose Files to Import ASR(s) from** window, browse to the Excel Spreadsheet ASL_NOM_ATO_AA(REV1)(6400)

Errors

- Errors are handled based on the type:
  - If the error is an unrecognized entry on the spreadsheet, EMT allows the operator to select a correct entry or ignore.
  - If the error is in the location, EMT allows the operator to enter a new location or ignore.

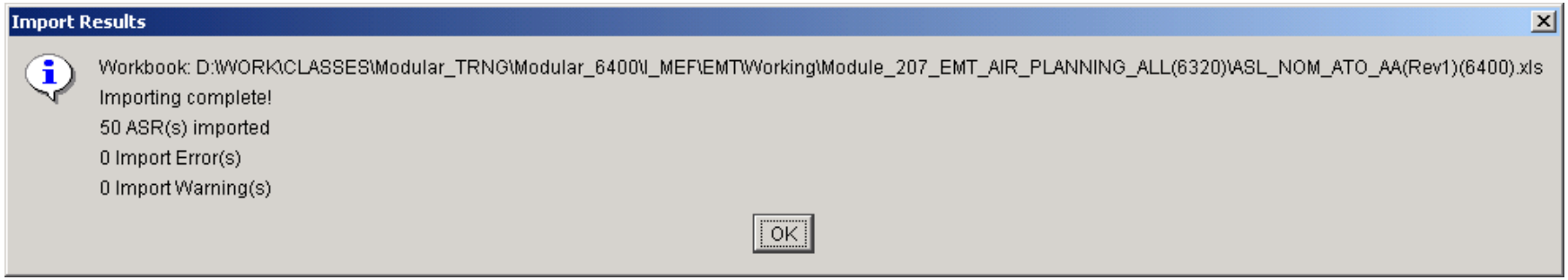
Use Selection for Errors


Import Error - User Correction Requested for worksheet "Noms"
Invalid UTM Location 27 34'24.5"N 055 12'00.0" E for row 3. Imported Altitude (m) 200.0
Enter location
27 34'24.5"N 055 12'00.0" E
200
27 34'24.50" N 055 12'00.00" E
Use Selection
Ignore Worksheet
Cancel Import
Ignore ASR


Select Target Type
Invalid target type entered for row 21. Value entered was "Navigation Aids,"
Choose Target Type from list
AA,Mech Troops
Use Selection
Ignore ASR

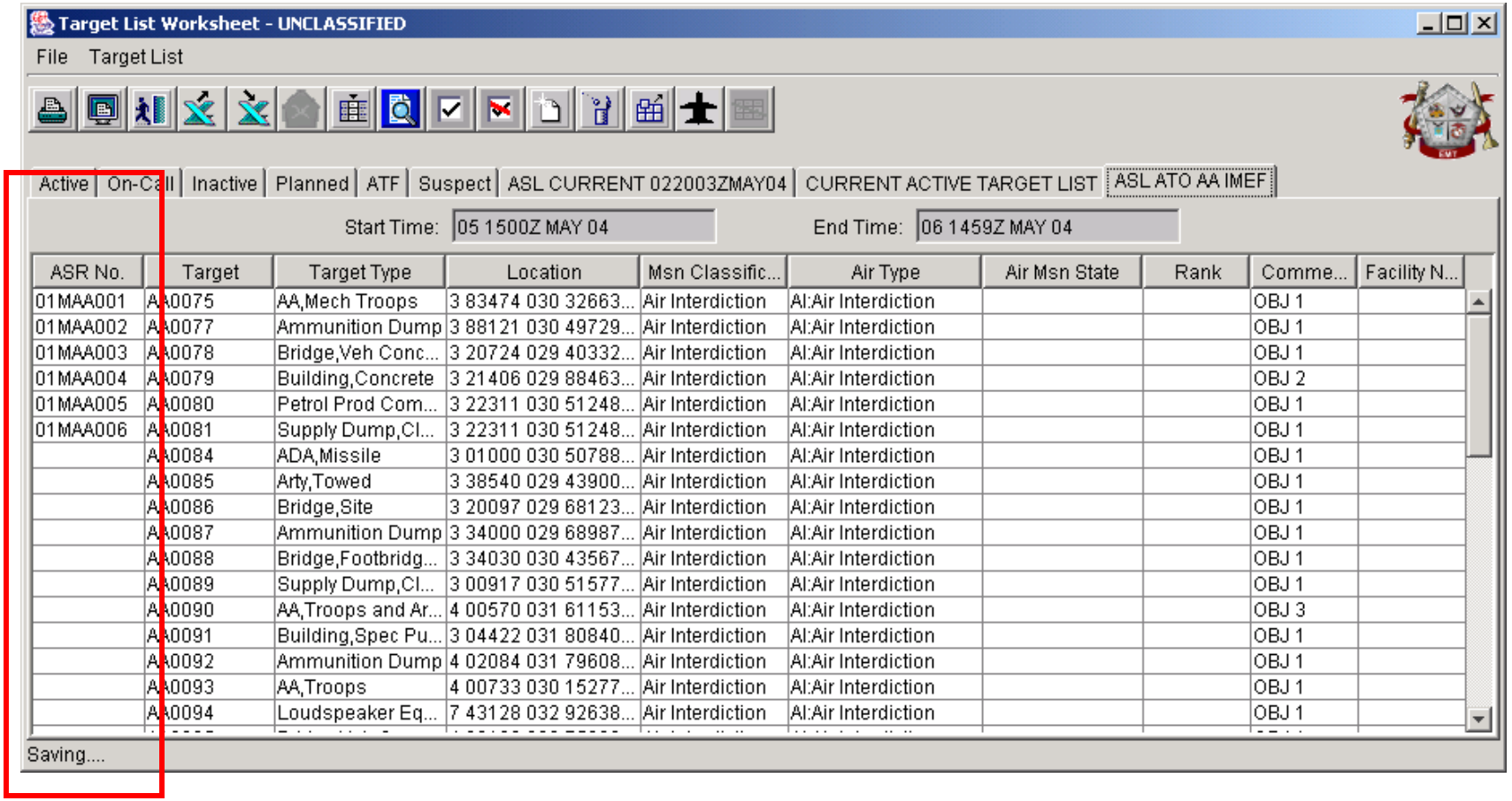
Select Equipment, Loudspeaker

Results


Import Results
Workbook: D:\WORK\CLASSES\Modular_TRNG\Modular_6400\I_MEF\EMT\Working\Module_207_EMT_AIR_PLANNING_ALL(6320)\ASL_NOM_ATO_AA(Rev1)(6400).xls
Importing complete!
50 ASR(s) imported
0 Import Error(s)
0 Import Warning(s)
OK

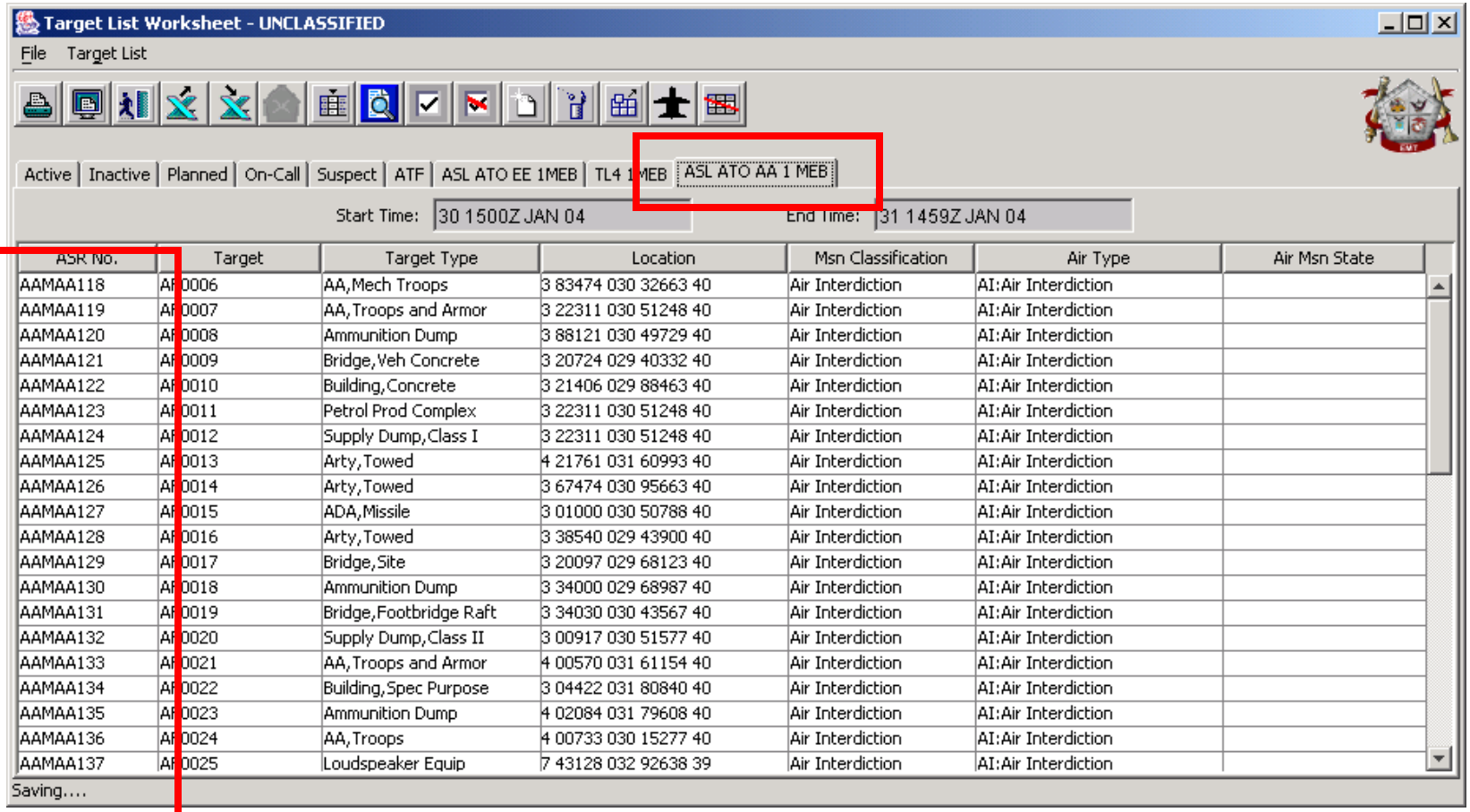
Send the ASL to AFATDS

- Action creates the ASL with ASR's at AFATDS
- Select th icon.
  - Spreadsheet tabs changes from red text to black.
  - Spreadsheet updates with assigned ASL numbers.


Target List Worksheet - UNCLASSIFIED
File Target List
Active On-Call Inactive Planned ATF Suspect ASL CURRENT 022003ZMAY04 CURRENT ACTIVE TARGET LIST ASL ATO AA IMEF
Start Time: 05 1500Z MAY 04
End Time: 06 1459Z MAY 04
ASR No. Target Target Type Location Msn Classific... Air Type Air Msn State Rank Comme... Facility N...
01MAA001 AA0075 AA,Mech Troops 3 83474 030 32663... Air Interdiction AI:Air Interdiction OBJ 1
01MAA002 AA0077 Ammunition Dump 3 88121 030 49729... Air Interdiction AI:Air Interdiction OBJ 1
01MAA003 AA0078 Bridge,Veh Conc... 3 20724 029 40332... Air Interdiction AI:Air Interdiction OBJ 1
01MAA004 AA0079 Building,Concrete 3 21406 029 88463... Air Interdiction AI:Air Interdiction OBJ 2
01MAA005 AA0080 Petrol Prod Com... 3 22311 030 51248... Air Interdiction AI:Air Interdiction OBJ 1
01MAA006 AA0081 Supply Dump,Cl... 3 22311 030 51248... Air Interdiction AI:Air Interdiction OBJ 1
AA0084 ADA,Missile 3 01000 030 50788... Air Interdiction AI:Air Interdiction OBJ 1
AA0085 Arty,Towed 3 38540 029 43900... Air Interdiction AI:Air Interdiction OBJ 1
AA0086 Bridge,Site 3 20097 029 68123... Air Interdiction AI:Air Interdiction OBJ 1
AA0087 Ammunition Dump 3 34000 029 68987... Air Interdiction AI:Air Interdiction OBJ 1
AA0088 Bridge,Footbridg... 3 34030 030 43567... Air Interdiction AI:Air Interdiction OBJ 1
AA0089 Supply Dump,Cl... 3 00917 030 51577... Air Interdiction AI:Air Interdiction OBJ 1
AA0090 AA,Troops and Ar... 4 00570 031 61153... Air Interdiction AI:Air Interdiction OBJ 3
AA0091 Building,Spec Pu... 3 04422 031 80840... Air Interdiction AI:Air Interdiction OBJ 1
AA0092 Ammunition Dump 4 02084 031 79608... Air Interdiction AI:Air Interdiction OBJ 1
AA0093 AA,Troops 4 00733 030 15277... Air Interdiction AI:Air Interdiction OBJ 1
AA0094 Loudspeaker Eq... 7 43128 032 92638... Air Interdiction AI:Air Interdiction OBJ 1
Saving....

Saving causes ASR numbers to be assigned as targets are saved

ASL Updates...

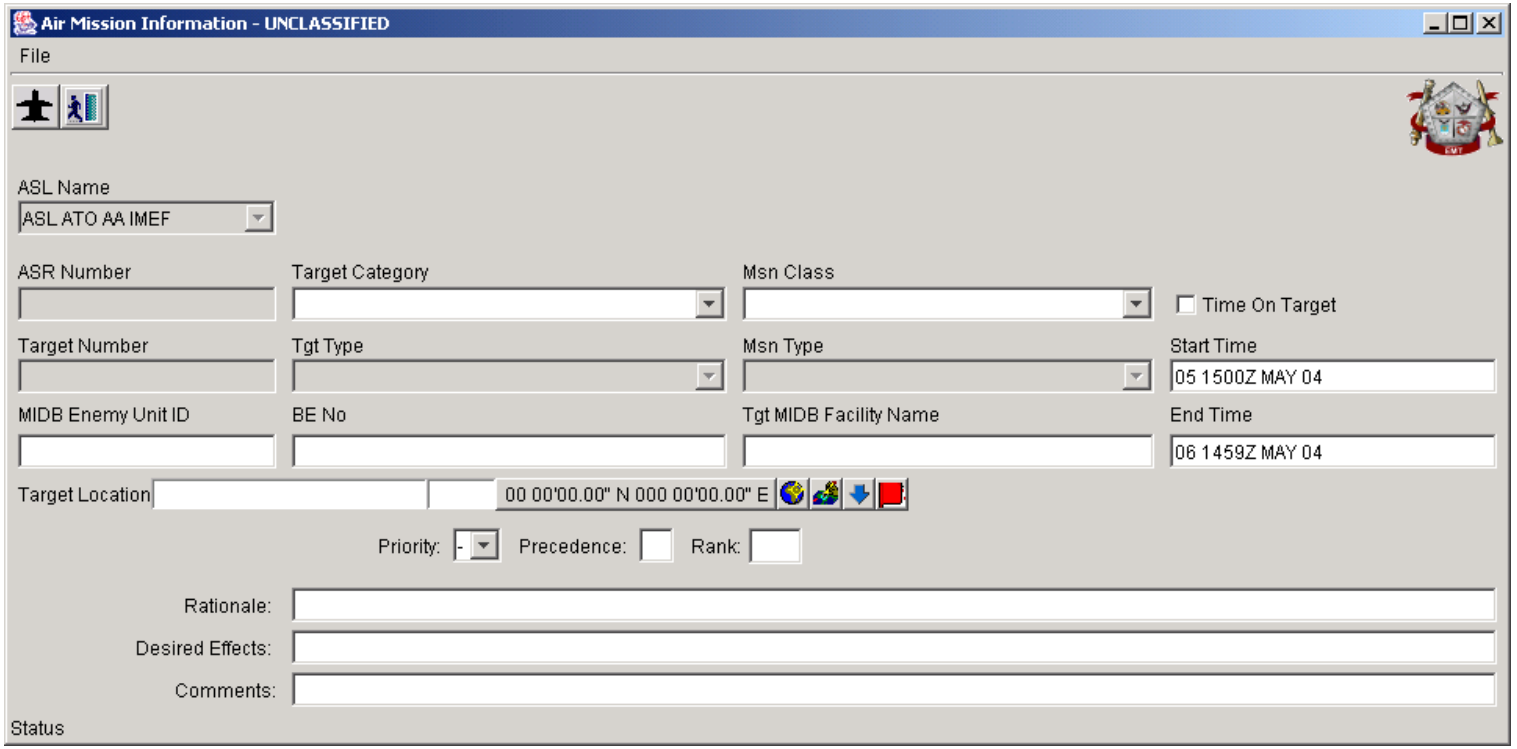

Target List Worksheet - UNCLASSIFIED
File Target List
Active Inactive Planned On-Call Suspect ATF ASL ATO EE 1MEB TL4 1MEB ASL ATO AA 1 MEB
Start Time: 30 1500Z JAN 04
End Time: 31 1459Z JAN 04
ASR No. Target Target Type Location Msn Classification Air Type Air Msn State
AAMAA118 AF0006 AA,Mech Troops 3 83474 030 32663 40 Air Interdiction AI:Air Interdiction
AAMAA119 AF0007 AA,Troops and Armor 3 22311 030 51248 40 Air Interdiction AI:Air Interdiction
AAMAA120 AF0008 Ammunition Dump 3 88121 030 49729 40 Air Interdiction AI:Air Interdiction
AAMAA121 AF0009 Bridge,Veh Concrete 3 20724 029 40332 40 Air Interdiction AI:Air Interdiction
AAMAA122 AF0010 Building,Concrete 3 21406 029 88463 40 Air Interdiction AI:Air Interdiction
AAMAA123 AF0011 Petrol Prod Complex 3 22311 030 51248 40 Air Interdiction AI:Air Interdiction
AAMAA124 AF0012 Supply Dump,Class I 3 22311 030 51248 40 Air Interdiction AI:Air Interdiction
AAMAA125 AF0013 Arty,Towed 4 21761 031 60993 40 Air Interdiction AI:Air Interdiction
AAMAA126 AF0014 Arty,Towed 3 67474 030 95663 40 Air Interdiction AI:Air Interdiction
AAMAA127 AF0015 ADA,Missile 3 01000 030 50788 40 Air Interdiction AI:Air Interdiction
AAMAA128 AF0016 Arty,Towed 3 38540 029 43900 40 Air Interdiction AI:Air Interdiction
AAMAA129 AF0017 Bridge,Site 3 20097 029 68123 40 Air Interdiction AI:Air Interdiction
AAMAA130 AF0018 Ammunition Dump 3 34000 029 68987 40 Air Interdiction AI:Air Interdiction
AAMAA131 AF0019 Bridge,Footbridge Raft 3 34030 030 43567 40 Air Interdiction AI:Air Interdiction
AAMAA132 AF0020 Supply Dump,Class II 3 00917 030 51577 40 Air Interdiction AI:Air Interdiction
AAMAA133 AF0021 AA,Troops and Armor 4 00570 031 61154 40 Air Interdiction AI:Air Interdiction
AAMAA134 AF0022 Building,Spec Purpose 3 04422 031 80840 40 Air Interdiction AI:Air Interdiction
AAMAA135 AF0023 Ammunition Dump 4 02084 031 79608 40 Air Interdiction AI:Air Interdiction
AAMAA136 AF0024 AA,Troops 4 00733 030 15277 40 Air Interdiction AI:Air Interdiction
AAMAA137 AF0025 Loudspeaker Equip 7 43128 032 92638 39 Air Interdiction AI:Air Interdiction
Saving....

Spreadsheet to ASL Conversion

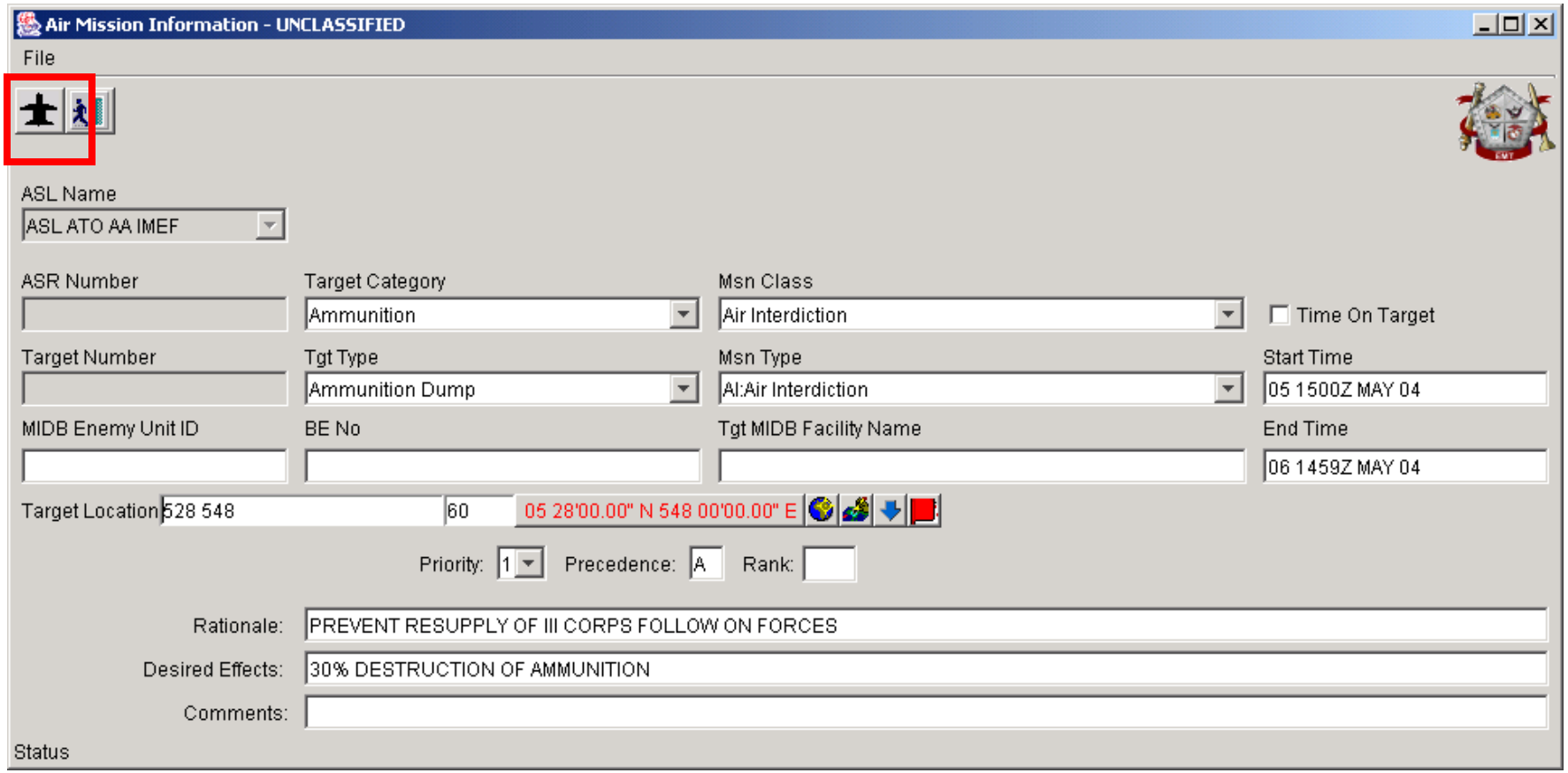
ASR #	AFATDS ignores, assigns at server
PRI	PRIORITY
PREC	PRECEDENCE
MSN CLASS	MISSION CLASS
TARGET CATEGORY	Ignored
TARGET TYPE	TGT TYPE, DEFINES TGT CATEGORY
BE NUMBER	BE NUMBER
UIC	MIDB ENEMY UNIT ID
LOCATION	LOCATION
TOT	Ignored
END TIME	END TIME:
RATIONALE	RATIONALE
DESIRED EFFECTS	DESIRED EFFECTS
JFACC OBJ	AT BEGINNING OF RATIONALE

Create a Nomination

Click the **Create ASR...** icon



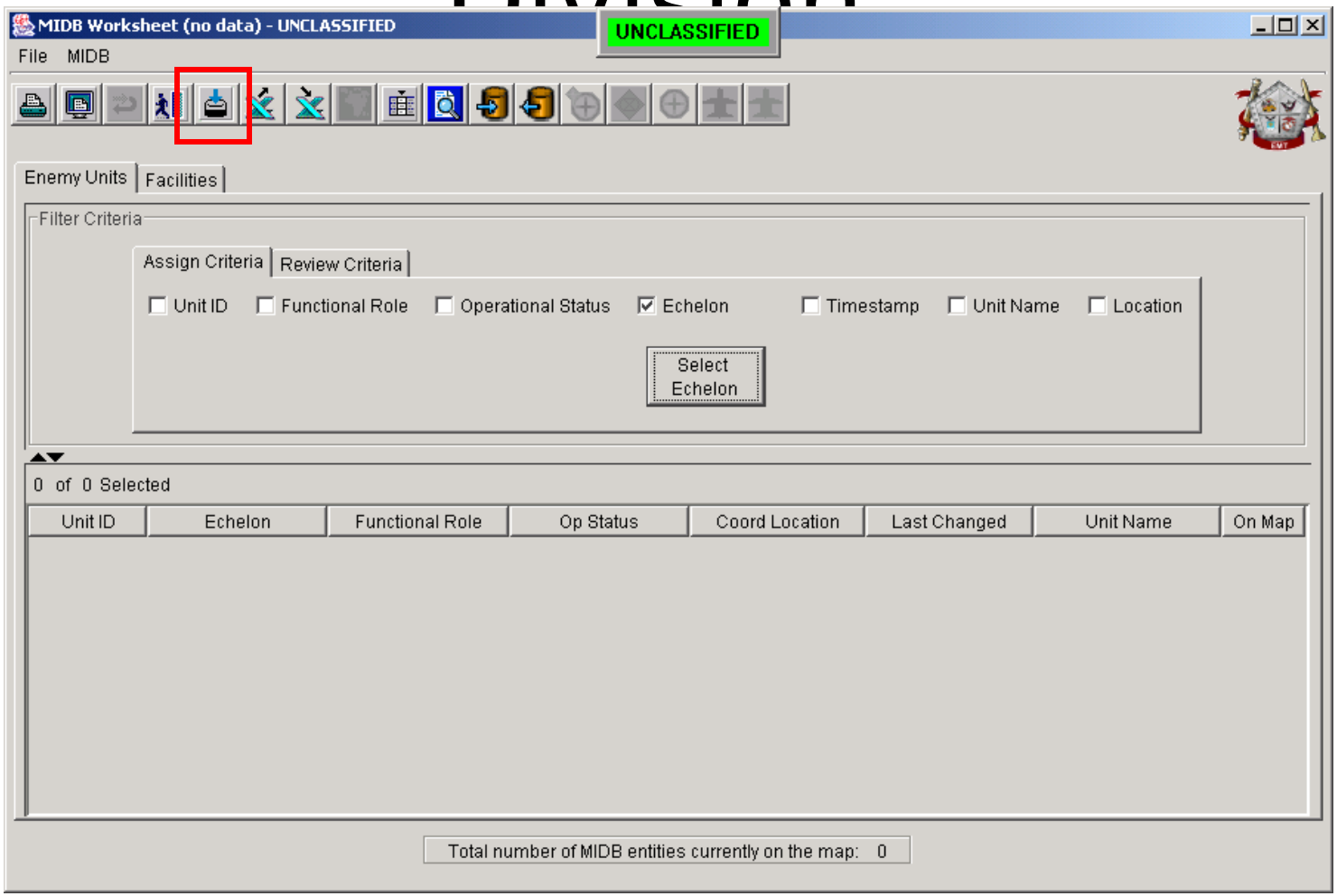
Entries…


Air Mission Information - UNCLASSIFIED
File
ASL Name
ASL ATO AA IMEF
ASR Number
Target Category
Ammunition
Msn Class
Air Interdiction
Time On Target
Target Number
Tgt Type
Ammunition Dump
Msn Type
AI:Air Interdiction
Start Time
05 1500Z MAY 04
MIDB Enemy Unit ID
BE No
Tgt MIDB Facility Name
End Time
06 1459Z MAY 04
Target Location
528 548
60
05 28'00.00" N 548 00'00.00" E
Priority:
1
Precedence:
A
Rank:
Rationale:
PREVENT RESUPPLY OF III CORPS FOLLOW ON FORCES
Desired Effects:
30% DESTRUCTION OF AMMUNITION
Comments:
Status

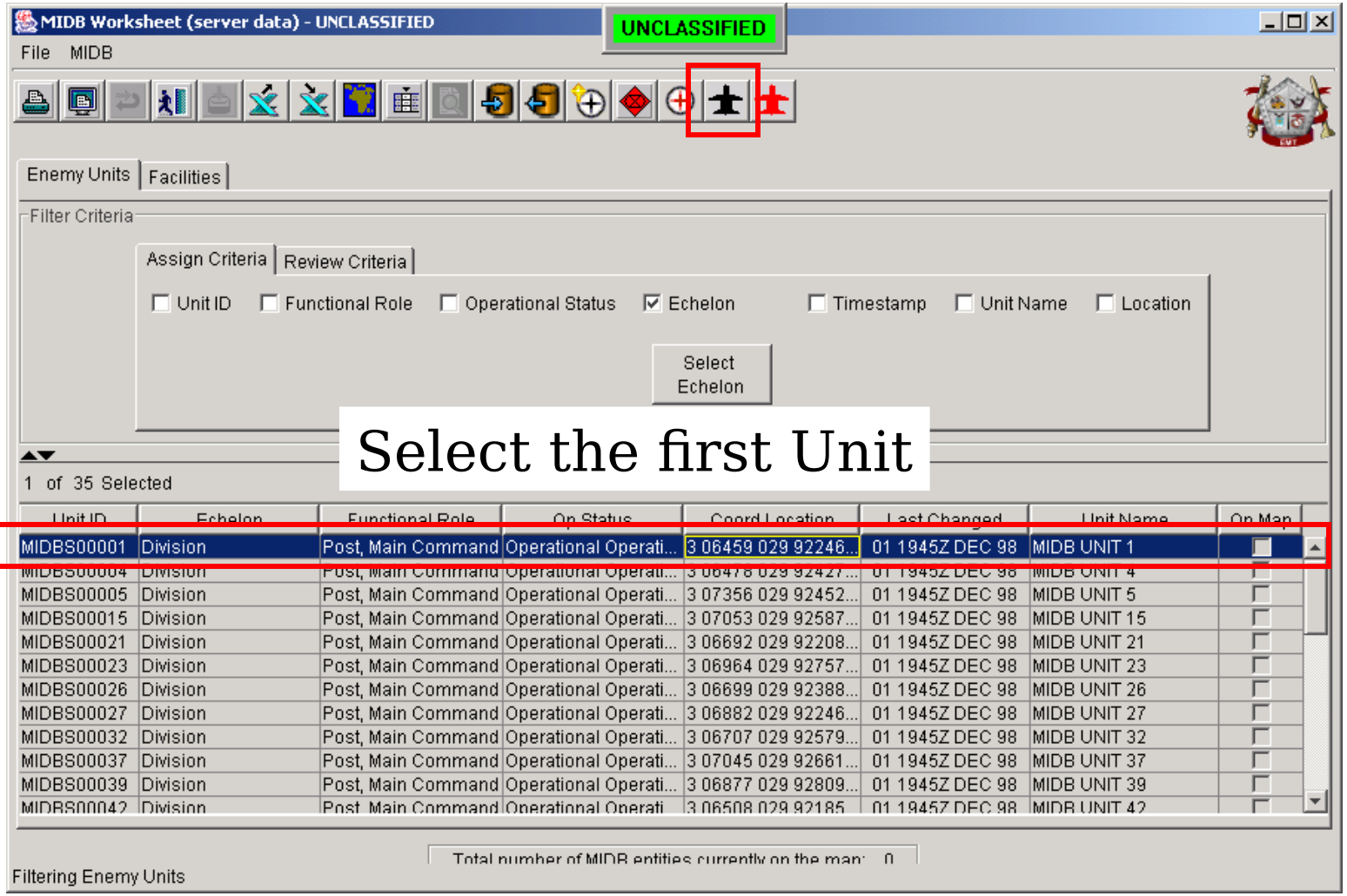
Add an MIDB Target

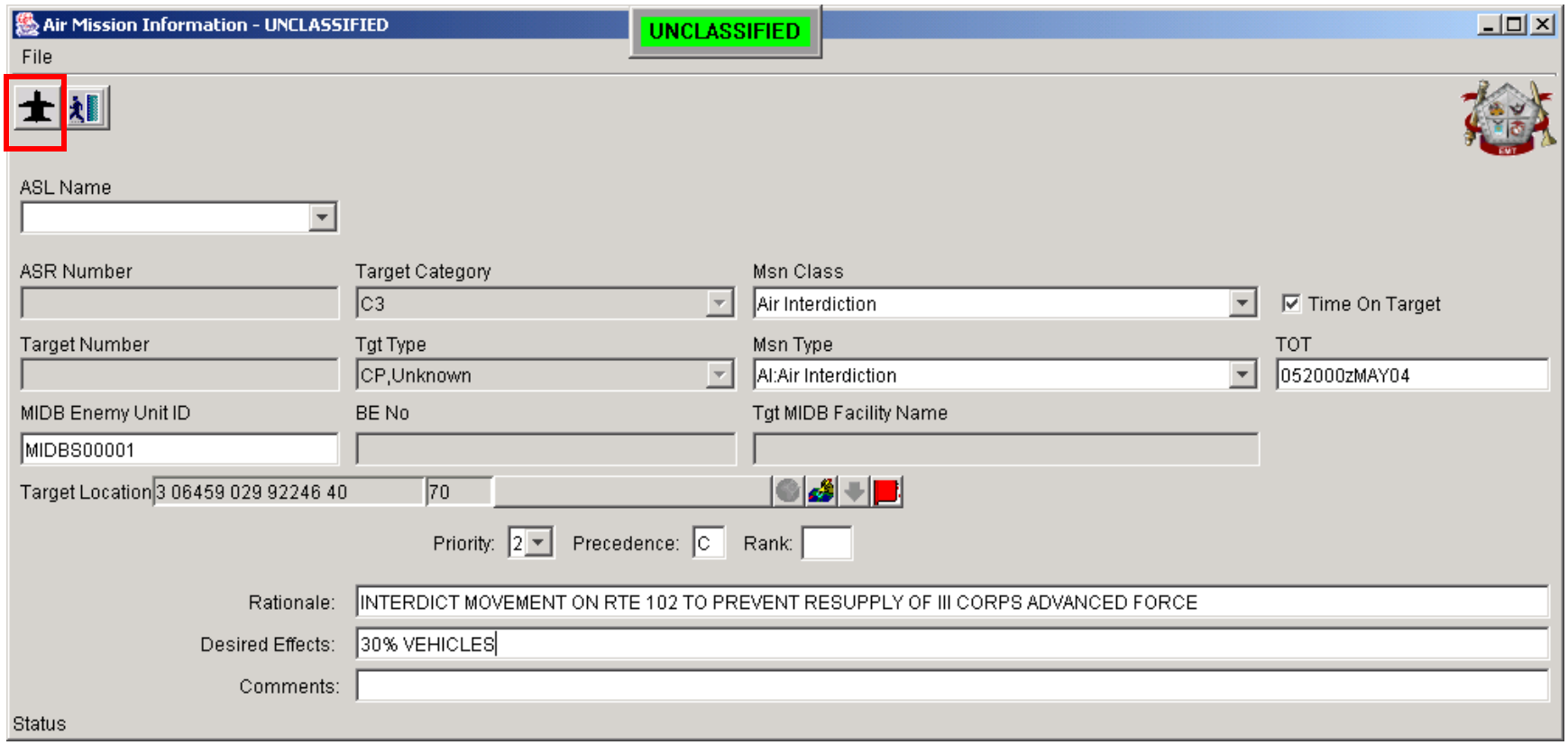
- Click **Fire Support, Worksheets, MIDB…**

Select Echelon and Division

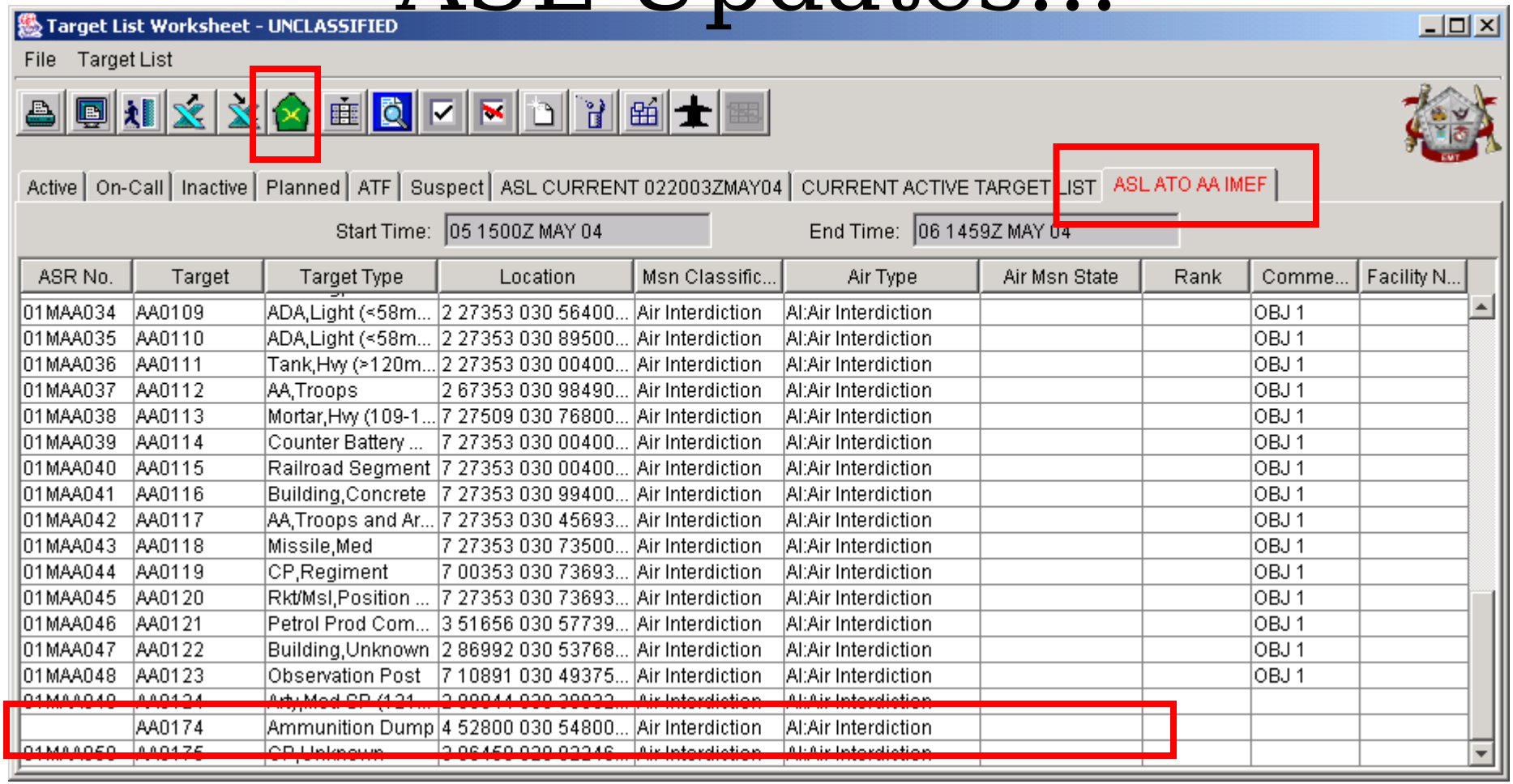


Filter Results


MIDB Worksheet (server data) - UNCLASSIFIED
UNCLASSIFIED
File MIDB
Enemy Units
Facilities
Filter Criteria
Assign Criteria
Review Criteria
Unit ID
Functional Role
Operational Status
Echelon
Timestamp
Unit Name
Location
Select Echelon
Select the first Unit
1 of 35 Selected
Unit ID
Echelon
Functional Role
Op Status
Coord Location
Last Changed
Unit Name
On Map
MIDBS00001 Division Post, Main Command Operational Operati... 3 06459 029 92246... 01 1945Z DEC 98 MIDB UNIT 1
MIDBS00005 Division Post, Main Command Operational Operati... 3 07356 029 92452... 01 1945Z DEC 98 MIDB UNIT 5
MIDBS00015 Division Post, Main Command Operational Operati... 3 07053 029 92587... 01 1945Z DEC 98 MIDB UNIT 15
MIDBS00021 Division Post, Main Command Operational Operati... 3 06692 029 92208... 01 1945Z DEC 98 MIDB UNIT 21
MIDBS00023 Division Post, Main Command Operational Operati... 3 06964 029 92757... 01 1945Z DEC 98 MIDB UNIT 23
MIDBS00026 Division Post, Main Command Operational Operati... 3 06699 029 92388... 01 1945Z DEC 98 MIDB UNIT 26
MIDBS00027 Division Post, Main Command Operational Operati... 3 06882 029 92246... 01 1945Z DEC 98 MIDB UNIT 27
MIDBS00032 Division Post, Main Command Operational Operati... 3 06707 029 92579... 01 1945Z DEC 98 MIDB UNIT 32
MIDBS00037 Division Post, Main Command Operational Operati... 3 07045 029 92661... 01 1945Z DEC 98 MIDB UNIT 37
MIDBS00039 Division Post, Main Command Operational Operati... 3 06877 029 92809... 01 1945Z DEC 98 MIDB UNIT 39
Filtering Enemy Units

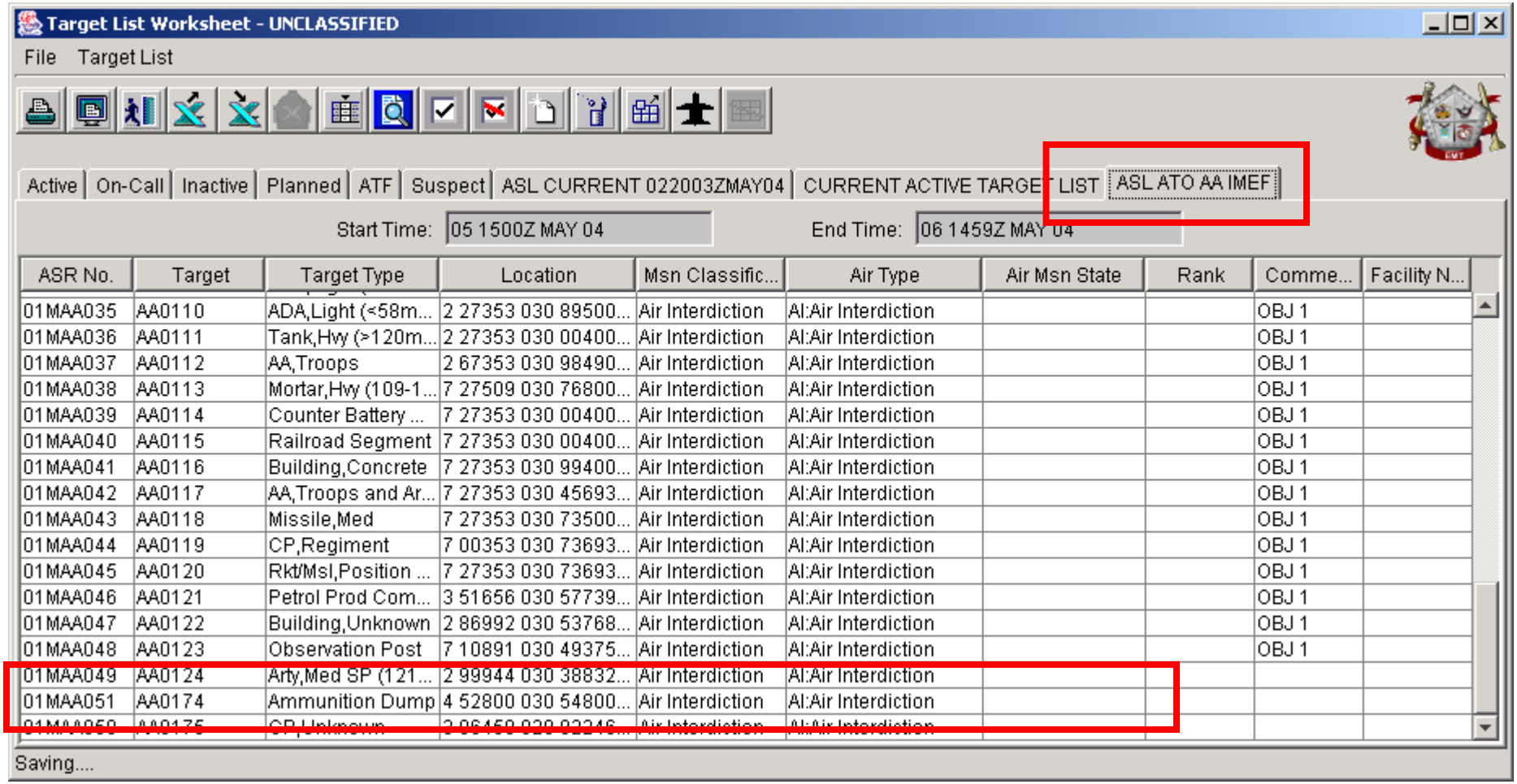

Air Mission Information - UNCLASSIFIED
UNCLASSIFIED
File
ASL Name
ASR Number
Target Category
C3
Msn Class
Air Interdiction
Time On Target
Target Number
Tgt Type
CP,Unknown
Msn Type
AI:Air Interdiction
TOT
052000zMAY04
MIDB Enemy Unit ID
MIDBS00001
BE No
Tgt MIDB Facility Name
Target Location
3 06459 029 92246 40
70
Priority:
2
Precedence:
C
Rank:
Rationale:
INTERDICT MOVEMENT ON RTE 102 TO PREVENT RESUPPLY OF III CORPS ADVANCED FORCE
Desired Effects:
30% VEHICLES
Comments:
Status

ASL Updates...

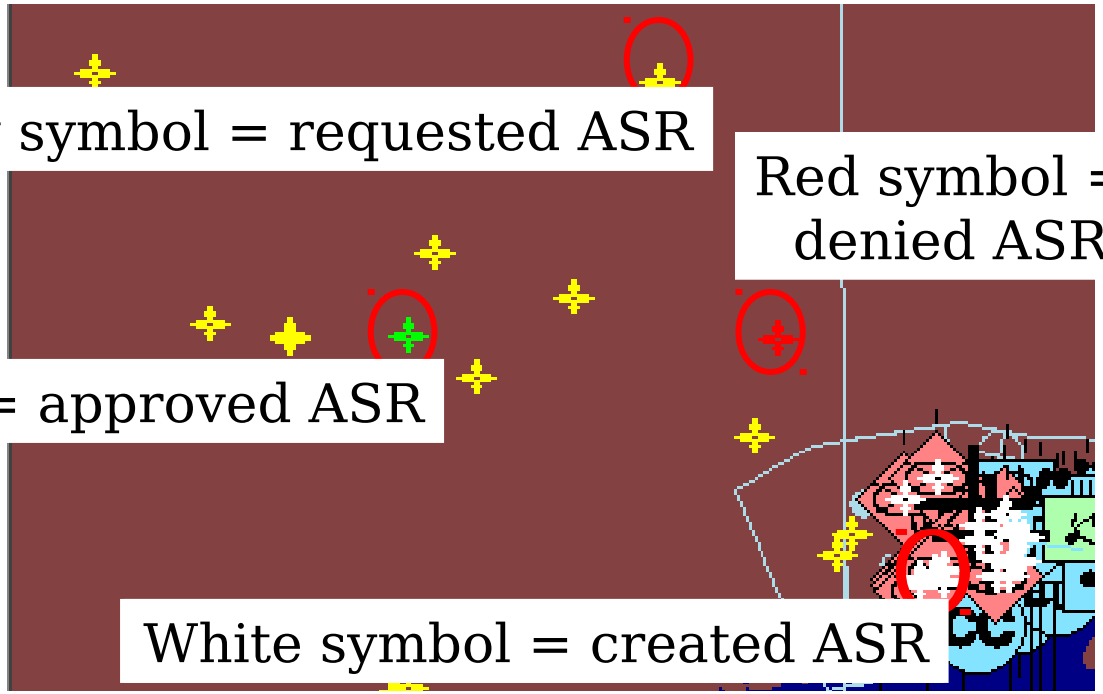

Target List Worksheet - UNCLASSIFIED
File Target List
Active On-Call Inactive Planned ATF Suspect ASL CURRENT 022003ZMAY04 CURRENT ACTIVE TARGET LIST ASL ATO AA IMEF
Start Time: 05 1500Z MAY 04
End Time: 06 1459Z MAY 04

ASR No.	Target	Target Type	Location	Msn Classific...	Air Type	Air Msn State	Rank	Comme...	Facility N...
01MAA034	AA0109	ADA,Light (<58m...	2 27353 030 56400...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA035	AA0110	ADA,Light (<58m...	2 27353 030 89500...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA036	AA0111	Tank,Hvy (>120m...	2 27353 030 00400...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA037	AA0112	AA,Troops	2 67353 030 98490...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA038	AA0113	Mortar,Hvy (109-1...	7 27509 030 76800...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA039	AA0114	Counter Battery ...	7 27353 030 00400...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA040	AA0115	Railroad Segment	7 27353 030 00400...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA041	AA0116	Building,Concrete	7 27353 030 99400...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA042	AA0117	AA,Troops and Ar...	7 27353 030 45693...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA043	AA0118	Missile,Med	7 27353 030 73500...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA044	AA0119	CP,Regiment	7 00353 030 73693...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA045	AA0120	Rkt/Msl,Position ...	7 27353 030 73693...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA046	AA0121	Petrol Prod Com...	3 51656 030 57739...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA047	AA0122	Building,Unknown	2 86992 030 53768...	Air Interdiction	AI:Air Interdiction			OBJ 1	
01MAA048	AA0123	Observation Post	7 10891 030 49375...	Air Interdiction	AI:Air Interdiction			OBJ 1	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	AA0174	Ammunition Dump	4 52800 030 54800...	Air Interdiction	AI:Air Interdiction				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				

ASL Updates...


Target List Worksheet - UNCLASSIFIED
File Target List
Active On-Call Inactive Planned ATF Suspect ASL CURRENT 022003ZMAY04 CURRENT ACTIVE TARGET LIST ASL ATO AA IMEF
Start Time: 05 1500Z MAY 04
End Time: 06 1459Z MAY 04
ASR No. Target Target Type Location Msn Classific... Air Type Air Msn State Rank Comme... Facility N...
01MAA035 AA0110 ADA,Light (<58m... 2 27353 030 89500... Air Interdiction AI:Air Interdiction OBJ 1
01MAA036 AA0111 Tank,Hvy (>120m... 2 27353 030 00400... Air Interdiction AI:Air Interdiction OBJ 1
01MAA037 AA0112 AA,Troops 2 67353 030 98490... Air Interdiction AI:Air Interdiction OBJ 1
01MAA038 AA0113 Mortar,Hvy (109-1... 7 27509 030 76800... Air Interdiction AI:Air Interdiction OBJ 1
01MAA039 AA0114 Counter Battery ... 7 27353 030 00400... Air Interdiction AI:Air Interdiction OBJ 1
01MAA040 AA0115 Railroad Segment 7 27353 030 00400... Air Interdiction AI:Air Interdiction OBJ 1
01MAA041 AA0116 Building,Concrete 7 27353 030 99400... Air Interdiction AI:Air Interdiction OBJ 1
01MAA042 AA0117 AA,Troops and Ar... 7 27353 030 45693... Air Interdiction AI:Air Interdiction OBJ 1
01MAA043 AA0118 Missile,Med 7 27353 030 73500... Air Interdiction AI:Air Interdiction OBJ 1
01MAA044 AA0119 CP,Regiment 7 00353 030 73693... Air Interdiction AI:Air Interdiction OBJ 1
01MAA045 AA0120 Rkt/Msl,Position ... 7 27353 030 73693... Air Interdiction AI:Air Interdiction OBJ 1
01MAA046 AA0121 Petrol Prod Com... 3 51656 030 57739... Air Interdiction AI:Air Interdiction OBJ 1
01MAA047 AA0122 Building,Unknown 2 86992 030 53768... Air Interdiction AI:Air Interdiction OBJ 1
01MAA048 AA0123 Observation Post 7 10891 030 49375... Air Interdiction AI:Air Interdiction OBJ 1
01MAA049 AA0124 Arty,Med SP (121... 2 99944 030 38832... Air Interdiction AI:Air Interdiction
01MAA051 AA0174 Ammunition Dump 4 52800 030 54800... Air Interdiction AI:Air Interdiction
Saving....

ASR SYMBOLS AND COLORS



Summary